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Title: AUTHENTICATION SYSTEM AND AUTHENTICATION METHOD

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Abstract:

Source: JP11205306A2 **PROBLEM TO BE SOLVED:** To provide a system and method that realize diversified services by using an access ticket generated from characteristics information not belonging to a person and information specific to the user, as for the authentication system that authenticates legality of the user. **SOLUTION:** The authentication device 210 sends authentication data and a ticket identifier to an authentication device 250, the authentication device 250 sends the authentication data to the authentication device 210, which calculates an authentication challenge (p) based on a ticket attribute revision request (μ) and an authentication device authentication data (x). The authentication device 250 receives the p and the (δ epsi, v) to authenticate an authentication device open key based on input data and an authentication device open key identifier (v'), to authenticate the authentication device challenge and to revise contents of a ticket attribute record (VI) depending on the ticket attribute revision request (μ). Furthermore, an authentication data generating section calculates a response (R) and the authentication device authenticates the legality of the response (R).

